SCML4 Peptide - C-Terminal Region Blocking Peptide

PRODUCT OVERVIEW

Product Name	SCML4, Blocking Peptide
Full Product Name	SCML4 Peptide - C-terminal region
Product Gene Name	SCML4 blocking peptide
Sequence	Synthetic peptide located within the following region: EDVVWFVKDA DPQALGPHVE LFRKHEIDGN ALLLLKSDMV MKYLGLKLGP
Species Reactivity	Human
Form/Format	Lyophilized powder
Preparation and Storage	Add 100ul of sterile PBS. Final peptide concentration is 1 mg/ml in PBS. For longer periods of storage, store at -20 degree C. Avoid repeat freeze-thaw cycles.
Antibody/Peptide Pairs	SCML4 peptide (MBS3229343) is used for blocking the activity of SCML4 antibody (MBS3204376)
Molecular Weight	39kDa
Product Categories/Family for SCML4 blocking peptide	Peptide
Applications Tested/Suitable for SCML4 blocking peptide	Western Blot (WB)
Related Product Information for SCML4 blocking peptide	This is a synthetic peptide designed for use in combination with anti-SCML4 Antibody, made Target Description: SCML4 is a putative Polycomb group (PcG) protein. PcG proteins act by forming multiprotein complexes, which are required to maintain the transcriptionally repressive state of homeotic genes throughout development.
Other Notes	Small volumes of SCML4 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for SCML4 purchase	MBS3229343 is a blocking peptide targeting SCML4. Also known as SCML4 Peptide - C-terminal region. Reactive in Human.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SCML4. It may not necessarily be applicable to this product.

NCBI GI #	158508495
NCBI GeneID	256380
NCBI Accession #	NP_932347.2
UniProt Primary Accession #	Q8N228
UniProt Related Accession #	Q8N228
GenBank Nucleotide #	NM_198081.5
NCBI Official Full Name	sex comb on midleg-like protein 4 isoform a
NCBI Official Synonym Full Names	Scm polycomb group protein like 4
NCBI Official Symbol	SCML4

NCBI Official Synonym Symbols	dJ47M23.1
UniProt Protein Name	Sex comb on midleg-like protein 4
Protein Family	Sex comb on midleg-like protein
UniProt Gene Name	SCML4
UniProt Entry Name	SCML4_HUMAN
NCBI Protein Information	sex comb on midleg-like protein 4
Research Articles on SCML4	**1.** SCML4 and THSD7A are identified as novel susceptibility genes for coronary artery disease.
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